

ABSTRACT OF THE DISCLOSUREHIGH FREQUENCY CAVITY RESONATOR FOR NUCLEAR MAGNETIC
RESONANCE, USING RADIO FREQUENCY TRANSMISSION LINES

This cavity resonator comprises a set of transmission lines and a shield which surrounds them. Each transmission line comprises a rectilinear bar which is divided into elongated cylindrical segments
5 (1) these segments being or being made electrically conducting, the bar being provided with thin dielectric elements (2) inserted between the segments.

Figure 2A.